



APPENDIX



*One hour of life, crowded to the full with glorious action,
and filled with noble risks, is worth whole years of those
mean observances of paltry decorum, in which men steal
through existence, like sluggish waters through a marsh,
without either honor or observation.*

— Sir Walter Scott



APPENDIX

POPULATION, LOUISIANA AND CATAHOULA, 1997

Population numbers are taken from the 1997 Census estimates. All rates for 1997 are calculated based on these population estimates, unless otherwise noted. Racial classifications are white, African American and other.

Population, Louisiana, 1997
Race, Gender and Ages 0 - 49

| AGE | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
|--------------------------|--------|--------|---------|---------|--------|---------|---------|---------|---------|---------|
| White Males | 92,464 | 95,806 | 101,082 | 109,796 | 99,896 | 98,344 | 102,700 | 118,456 | 117,760 | 102,707 |
| White Females | 88,256 | 91,640 | 96,305 | 104,742 | 96,774 | 100,675 | 102,847 | 117,355 | 116,580 | 103,679 |
| African American Males | 64,007 | 65,604 | 66,589 | 71,007 | 56,366 | 44,524 | 44,326 | 47,026 | 46,085 | 37,268 |
| African American Females | 62,365 | 63,600 | 65,130 | 72,308 | 61,883 | 50,800 | 51,723 | 576,002 | 55,192 | 46,924 |
| Other Males | 3,381 | 3,171 | 3,359 | 3,541 | 3,412 | 3,001 | 2,870 | 2,908 | 2,665 | 2,316 |
| Other Females | 3,227 | 2,922 | 3,160 | 3,462 | 3,147 | 3,186 | 2,745 | 2,956 | 2,893 | 2,711 |

Population, Louisiana, 1997
Race, Gender and Ages 50 - 85+

| AGE | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+ | TOTAL |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|
| White Males | 87,218 | 69,265 | 60,116 | 50,395 | 43,585 | 31,091 | 17,277 | 10,609 | 1,408,587 |
| White Females | 90,957 | 73,790 | 65,379 | 61,277 | 56,586 | 46,626 | 31,557 | 28,741 | 1,473,766 |
| African American Males | 26,616 | 20,943 | 17,541 | 15,326 | 11,775 | 8,531 | 4,904 | 4,088 | 652,526 |
| African American Females | 34,354 | 28,504 | 24,437 | 21,673 | 17,017 | 13,759 | 8,907 | 9,349 | 743,927 |
| Other Males | 1,694 | 1,269 | 944 | 596 | 444 | 284 | 184 | 157 | 36,196 |
| Other Females | 1,894 | 1,358 | 1,075 | 753 | 536 | 329 | 207 | 226 | 36,787 |

Population, Catahoula, 1997
Race, Gender and Ages 0 - 49

| AGE | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
|--------------------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| White Males | 255 | 275 | 319 | 307 | 204 | 215 | 258 | 333 | 294 | 275 |
| White Females | 239 | 265 | 330 | 260 | 216 | 247 | 254 | 303 | 279 | 256 |
| African American Males | 141 | 160 | 152 | 159 | 108 | 66 | 88 | 90 | 83 | 67 |
| African American Females | 139 | 148 | 160 | 147 | 124 | 111 | 102 | 109 | 107 | 62 |
| Other Males | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 2 | 0 |
| Other Females | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 0 |

Population, Catahoula, 1997
Race, Gender and Ages 50 - 85+

| AGE | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+ | TOTAL |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| White Males | 288 | 237 | 198 | 164 | 141 | 91 | 74 | 37 | 3965 |
| White Females | 305 | 276 | 170 | 170 | 161 | 138 | 87 | 71 | 4027 |
| African American Males | 50 | 40 | 30 | 31 | 35 | 35 | 32 | 21 | 1388 |
| African American Females | 69 | 62 | 59 | 68 | 51 | 62 | 35 | 44 | 1659 |
| Other Males | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 9 |
| Other Females | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |



FAMILY HEALTH

Prenatal Care

The term, “percent adequate prenatal care” is percent of live births care within the first trimester and a schedule of care throughout the pregnancy. Calculations are based on information on the birth certificate.

Low and very low birthweight

Percent of calendar-year live births at or below 2500 grams (low birthweight - 5 pounds 8 ounces or 5.5 lbs.) and at or below 1500 grams (very low birthweight - 3 pounds 5 ounces or 3.3 lbs.).

Births to teens

Births to teens is calculated as a percent of live births to mothers of a certain age (usually below 20).

| Births, Louisiana and Catahoula, 1997 Race of Mother by Characteristics of Birth* | | | | |
|--|--------------|----------------------------|-------------------|--|
| | Total Births | % adequate prenatal care** | % low birthweight | % of live births to mothers under age 20 |
| Louisiana | 65,947 | 75.4% | 9.8% | 18.5% |
| White | 37,438 | 84.3% | 6.7% | 13.4% |
| African American | 27,115 | 63.3% | 14.1% | 26.0% |
| Other | 1,394 | 74.4% | 7.1% | 11.0% |
| Catahoula | 136 | 73.3% | 9.3% | 26.5% |
| White | 96 | 80.0% | 6.4% | 18.8% |
| African American | 40 | 57.5% | 14.3% | 45.0% |
| Other | 0 | 0.0% | 0.0% | 0.0% |

* According to the modified Kessner index
Source: State Center for Health Statistics, 1998.

| Neonatal Infant Mortality Rate United States, Louisiana and Catahoula, 1997 by race of mother and gender of infant | | | |
|--|------|------|--------|
| | All | Male | Female |
| United States | 4.8 | 5.2 | 4.3 |
| White | 4.0 | 4.4 | 3.6 |
| African American | 9.4 | 10.1 | 8.6 |
| Other | N/A | N/A | N/A |
| Louisiana | 6.2 | 6.9 | 5.5 |
| White | 4.4 | 5.4 | 3.4 |
| African American | 8.9 | 8.6 | 9.3 |
| Other | 2.9 | 3.0 | 2.7 |
| Catahoula | 29.4 | 40.5 | 16.1 |
| White | 31.3 | 58.8 | 0.0 |
| African American | 25.0 | 0.0 | 58.8 |
| Other | 0.0 | 0.0 | 0.0 |

Source: State Center for Health Statistics, 1998

Infant Mortality Rate

Infant mortality rate is the number of deaths to infants under one year of age, per 1,000 live births in a year. The neonatal mortality rate is the number of deaths to infants under 28 days of age, per 1,000 live births in a year.

Maternal mortality

In 1997, fewer than five women in Louisiana died in childbirth. There was no reported maternal mortality in Catahoula Parish.



APPENDIX

**Genetic Disease in Newborns
Louisiana and Catahoula, 1997**

| Disease | Louisiana | Catahoula |
|---------------------------|-----------|-----------|
| Congenital Hypothyroidism | 8 | 0 |
| PKU | * | 0 |
| Sickle-cell | 100 | 0 |

* fewer than five cases are not reported for reasons of confidentiality

Source: Genetic Disease Program, DHH-OPH, 1998.

Congenital Hypothyroidism

Hypothyroidism is caused by the failure of the thyroid gland to develop. Infants who are not treated will suffer severe brain damage. If treated promptly, infants will develop normally.

Phenylketonuria (PKU)

PKU is a genetic disorder caused by the lack of a specific enzyme responsible for breaking down the amino acid phenylalanine. PKU can cause brain damage and mental retardation. Early detection and treatment can prevent or reduce brain damage.

Sickle cell disease

Sickle cell disease is an inherited disorder of red blood cells. Patients with this disorder suffer life-

long anemia and painful obstructions of small blood vessels. Early recognition and urgent management of infections can reduce the risk of death in the first year of life.

**Injury-related Deaths by Cause and Gender, Louisiana, 1997
N=3118**

| Cause | Gender | | | | Total | |
|---------------------------|----------------|------|------------------|------|--------|------|
| | Male Number | Rate | Female Number | Rate | Number | Rate |
| Cut/Pierce | 53 | 2.5 | 28 | 1.2 | 81 | 1.9 |
| Drowning/ Submersion | 126 | 6.0 | 18 | ** | 144 | 3.3 |
| Fall | 117 | 5.6 | 105 | 4.7 | 222 | 5.1 |
| Fire/Burn | 60 | 2.9 | 35 | 1.6 | 95 | 2.2 |
| Firearm | 810 | 38.6 | 158 | 7.0 | 968 | 22.2 |
| Machinery | 26 | 1.2 | * | ** | 28 | 0.6 |
| Motor-vehicle/ Traffic | 605 | 28.8 | 300 | 13.3 | 905 | 20.8 |
| Pedal Cyclist | * | ** | * | ** | * | ** |
| Pedestrian | 12 | 0.6 | * | ** | 16 | ** |
| Transport | 34 | 1.6 | * | ** | 36 | 0.8 |
| Natural/Enviro. | 22 | 1.0 | 5 | ** | 27 | 0.6 |
| Poisoning | 152 | 7.2 | 79 | 3.5 | 231 | 5.3 |
| Struck by/ Against | 28 | 1.3 | * | ** | 30 | 0.7 |
| Suffocation | 97 | 4.6 | 63 | 2.8 | 160 | 3.7 |

Source: Injury Research and Prevention Program, 1998. Rates per 100,000 population, 1997 U.S. Census Population Estimates. Not shown here: "Other specified" and "Unspecified"

* Fewer than five cases are not reported for reasons of confidentiality

** Rates are not calculated for counts of fewer than 20 for reasons of stability



Leading Causes of Death, Louisiana, 1997 Race, Gender and Age by Top Five Causes

| | 0 - 14 yrs Cause No.(Rate) | 15 - 44 yrs Cause No.(Rate) | 45 - 64 yrs Cause No.(Rate) | 65+ yrs Cause No.(Rate) |
|--|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|
| White Females | | | | |
| ① | Accidents/Injury 44 (15.9) | Accidents/Injury 141 (22.1) | Cancer 733 (219.6) | Heart Disease 3,823 (1700.7) |
| ② | Perinatal Conditions 40 (14.5) | Cancer 126 (19.7) | Heart Disease 380 (113.8) | Cancer 2,235 (994.3) |
| ③ | Congenital Anomalies 39 (14.1) | Suicide 57 (8.9) | Diabetes 83 (24.9) | Stroke 948 (421.7) |
| ④ | Cancer 6 (*) | Heart Disease 55 (8.6) | COPD 73 (21.9) | COPD 496 (220.7) |
| ⑤ | Heart disease 5 (*) | Homicide 31 (4.9) | Stroke 67 (20.1) | Diabetes 433 (192.6) |
| African American Females | | | | |
| ① | Perinatal Conditions 97 (50.8) | Cancer 114 (32.8) | Cancer 399 (297.3) | Heart Disease 1,254 (1773.6) |
| ② | Congenital Anomalies 31 (16.2) | Heart Disease 75 (21.6) | Heart Disease 347 (258.5) | Cancer 764 (1080.6) |
| ③ | Accidents/Injury 26 (13.6) | Homicide 69 (19.8) | Diabetes 125 (93.1) | Stroke 358 (506.3) |
| ④ | Cancer 9 (*) | Accidents/Injury 61 (17.5) | Stroke 82 (61.1) | Diabetes 316 (446.9) |
| ⑤ | Homicide 8 (*) | HIV 54 (15.5) | Accidents/Injury 31 (23.1) | Pneumonia/Flu 118 (166.9) |
| <p>* Fewer than five cases are not reported for reasons of confidentiality. Rates are not calculated when there are fewer than 20 deaths for reasons of reliability. Rates are per 100,000 race, gender and age specific population. From the U.S. Census, 1997. Estimates released 9/4/98.</p> <p>Source: State Center for Health Statistics, 1999. Population estimates from www.census.gov/population/estimates. Est. released 9/4/98.</p> | | | | |



APPENDIX

**Leading Causes of Death, Louisiana, 1997
Race, Gender and Age by Top Five Causes**

| | 0 - 14 yrs Cause No.(Rate) | 15 - 44 yrs Cause No.(Rate) | 45 - 64 yrs Cause No.(Rate) | 65+ yrs Cause No.(Rate) |
|-------------------------------|------------------------------------|-----------------------------------|-----------------------------------|---------------------------------|
| White Males | | | | |
| ① | Perinatal Conditions 60 (20.7) | Accidents/Injury 431 (66.6) | Cancer 902 (282.5) | Heart Disease 3,233 (2113.7) |
| ② | Accidents/Injury 51 (17.6) | Suicide 180 (27.8) | Heart Disease 887 (277.8) | Cancer 2,366 (1546.8) |
| ③ | Congenital Anomalies 45 (15.6) | Heart Disease 162 (25.0) | Accidents/Injury 167 (52.3) | Stroke 558 (364.8) |
| ④ | Septicemia 8 (*) | Cancer 121 (18.7) | Diabetes 89 (27.9) | COPD 531 (347.2) |
| ⑤ | Cancer 7 (*) | Homicide 77 (11.9) | Stroke 84 (26.3) | Pneumonia/Flu 320 (209.2) |
| African American Males | | | | |
| ① | Perinatal Conditions 104 (53.0) | Homicide 372 (120.3) | Heart Disease 499 (487.5) | Cancer 940 (2106.5) |
| ② | Accidents/Injury 38 (19.4) | Accidents/Injury 233 (75.3) | Cancer 494 (482.6) | Heart Disease 934 (2093.0) |
| ③ | Congenital Anomalies 34 (17.3) | HIV 167(54.0) | Stroke 94 (91.8) | Stroke 216 (484.0) |
| ④ | Homicide 9 (*) | Heart Disease 125 (40.4) | Diabetes 91 (88.9) | Diabetes 170 (381.0) |
| ⑤ | Pneumonia/Flu 7 (*) | Cancer 76 (24.6) | Accidents/Injury 71 (69.4) | COPD 127 (284.6) |

* Fewer than five cases are not reported for reasons of confidentiality. Rates are not calculated when there are fewer than 20 deaths for reasons of reliability. Rates are per 100,000 race, gender and age specific population. From the U.S. Census, 1997.

Source: State Center for Health Statistics, 1999. Population estimates from www.census.gov/population/estimates. Est. released 9/4/98.



Leading Causes of Death, Louisiana, 1988 - 1997
Race, Gender and Age by Top Five Causes

| | 0 - 14 yrs Cause No.(Rate) | 15 - 44 yrs Cause No.(Rate) | 45 - 64 yrs Cause No.(Rate) | 65+ yrs Cause No.(Rate) |
|---|-------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| White Females | | | | |
| ① | Perinatal Conditions 52.0 (17.4) | Accidents/Injury 139.1 (21.3) | Cancer 742.6 (248.8) | Heart Disease 3908.5 (1785.5) |
| ② | Congenital Anomalies 45.6 (15.3) | Cancer 133.3 (20.4) | Heart Disease 400.0 (134.0) | Cancer 1971.3 (900.5) |
| ③ | Accidents/Injury 34.3 (11.5) | Heart Disease 54.0 (8.3) | Stroke 75.4 (25.3) | Stroke 892.5 (407.7) |
| ④ | Cancer 8.5 (2.9) | Suicide 53.1 (8.1) | COPD 70.6 (23.7) | COPD 418.8 (191.3) |
| ⑤ | Heart Disease 8.0 (2.7) | Homicide 31.5 (4.8) | Diabetes 66.4 (22.3) | Pneumonia/Flu 373.1 (170.4) |
| African American Females | | | | |
| ① | Perinatal Conditions 98.9 (50.1) | Cancer 105.6 (31.6) | Cancer 355.3 (322.1) | Heart Disease 1374.3 (1997.7) |
| ② | Congenital Anomalies 39.4 (20.0) | Heart Disease 79.2 (23.7) | Heart Disease 354.2 (321.2) | Cancer 700.2 (1017.8) |
| ③ | Accidents/Injury 32.9 (16.7) | Homicide 72.0 (21.5) | Diabetes 94.0 (85.2) | Stroke 339.5 (493.5) |
| ④ | Heart Disease 8.4 (4.3) | Diabetes 59.3 (17.7) | Stroke 88.3 (80.1) | Diabetes 259.6 (377.4) |
| ⑤ | Homicide 7.0 (3.5) | HIV 34.0 (10.2) | Accidents/Injury 26.0 (23.6) | Pneumonia/Flu 101.1 (147.0) |
| <p><small>* Fewer than five cases are not reported for reasons of confidentiality. Rates are not calculated when there are fewer than 20 deaths for reasons of reliability. Rates are per 100,000 race, gender and age specific population. From the U.S. Census, 1997.</small></p> <p><small>Source: State Center for Health Statistics, 1999. Population estimates from www.census.gov/population/estimates. Est. released 9/4/98.</small></p> | | | | |



APPENDIX

Leading Causes of Death, Louisiana, 1988 - 1997 Race, Gender and Age by Top Five Causes

| | 0 - 14 yrs Cause No.(Rate) | 15 - 44 yrs Cause No.(Rate) | 45 - 64 yrs Cause No.(Rate) | 65+ yrs Cause No.(Rate) |
|-------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| White Males | | | | |
| ① | Perinatal Conditions 64.6 (20.6) | Accidents/Injury 472.0 (71.3) | Heart Disease 1014.1 (360.0) | Heart Disease 3197.0 (2206.7) |
| ② | Accidents/Injury 54.7 (17.4) | Suicide 191.4 (29.0) | Cancer 935.4 (332.1) | Cancer 2300.7 (1588.0) |
| ③ | Congenital Anomalies 54.1 (17.2) | HIV 186.9 (28.2) | Accidents/Injury 142.5 (50.6) | Stroke 530.6 (366.2) |
| ④ | Cancer 10.6 (3.4) | Heart Disease 146.9 (22.2) | Stroke 91.7 (32.6) | COPD 493.6 (340.7) |
| ⑤ | Heart Disease 7.3 (2.3) | Cancer 131.6 (19.9) | COPD 85.0 (30.2) | Pneumonia/Flu 297.3 (205.2) |
| African American Males | | | | |
| ① | Perinatal Conditions 125.9 (62.5) | Homicide 431.7 (147.2) | Heart Disease 495.4 (588.6) | Heart Disease 1075.3 (2445.4) |
| ② | Accidents/Injury 53.1 (26.3) | Accidents/Injury 231.5 (79.0) | Cancer 470.9 (560.0) | Cancer 919.3 (2090.6) |
| ③ | Congenital Anomalies 40.3 (20.0) | HIV 150.2 (51.2) | Stroke 99.2 (117.9) | Stroke 239.0 (543.5) |
| ④ | Homicide 12.2 (6.05) | Heart Disease 132.5 (45.2) | Diabetes 73.6 (87.5) | Diabetes 125.4 (285.2) |
| ⑤ | Pneumonia/Flu 9.7 (4.81) | Cancer 84.2 (28.7) | Accidents/Injury 70.3 (83.5) | COPD 119.9 (272.7) |

* Fewer than five cases are not reported for reasons of confidentiality. Rates are not calculated when there are fewer than 20 deaths for reasons of reliability. Rates are per 100,000 race, gender and age specific population. From the U.S. Census, 1997.

Source: State Center for Health Statistics, 1999. Population estimates from www.census.gov/population/estimates. Est. released 9/4/98.



Conditions or Events that are Reportable to the Office of Public Health

"It is hereby made the duty of every physician practicing medicine in the State of Louisiana to report to the State Health Officer, through the Health Unit of the parish or municipality wherein such physician practices, any case or suspected case of reportable disease which he is attending, or has examined, or for which such physician has prescribed. The report shall be made promptly at the time the physician first visits, examines or prescribes for the patient, and such report shall state the name, age, sex, race, usual residence, place where the patient is to be found, the nature of the disease and the date of onset." (Sanitary Code, State of Louisiana: Chapter 2, Sec. 2:004; Rev. 3-84) In addition to physician reporting, laboratories are required to report the results of tests which either confirm or suggest the occurrence of reportable diseases as specified by law. Additionally, Sec. 2:006 states "It shall be the duty of every osteopath, coroner, medical examiner, dentist, homeopath, infection control practitioner, medical records director, nurse, nurse midwife, nurse practitioner, pharmacist, physician assistant, podiatrist, social worker, veterinarian, and any other health care professional to report a confirmed case of reportable disease as specified in Section 2:003 in which he or she has examined or evaluated, or for which he or she is attending or has knowledge."

REPORTABLE COMMUNICABLE DISEASES

Acquired Immune Deficiency Syndrome (AIDS)
Amebiasis
Arthropod-borne encephalitis (Specify type)
Blastomycosis
Botulism¹
Campylobacteriosis
Chancroid²
Chlamydial infection²
Cholera¹
Cryptosporidiosis
Diphtheria
Enterococcus (infection; resistant to vancomycin)
Escherichia coli 0157:H7 infection
Gonorrhea²
Haemophilus influenzae infection¹
Hemolytic-Uremic Syndrome
Hepatitis, Acute (A, B, C, Other)
Hepatitis B carriage in pregnancy
Herpes (neonatal)
Human Immunodeficiency Virus (HIV) infection³

Legionellosis
Lyme Disease
Lymphogranuloma venereum²
Malaria
Measles (rubeola)¹
Meningitis, other bacterial or fungal
Mumps
Mycobacteriosis, atypical⁴
Neisseria meningitidis infection¹
Pertussis
Rabies (animal & human)
Rocky Mountain Spotted Fever (RMSF)
Rubella (German measles)
Rubella (congenital syndrome)
Salmonellosis
Shigellosis
Staphylococcus aureus (infection; resistant to methicillin/oxacillin or vancomycin)
Streptococcus pneumoniae (infection; resistant to penicillin)
Syphilis²
Tetanus

Tuberculosis⁴
Typhoid fever
Varicella (chickenpox)
Vibrio infections (excluding cholera)¹

All reportable diseases and conditions other than the venereal diseases, tuberculosis and those conditions with (*) should be reported on an EPI-2430 card and forwarded to the local parish health unit or the Epidemiology Section
P.O. Box 60630
New Orleans, LA 70160
504-568-5005 or
1-800-256-2748 or
504-568-5006 fax.
All facsimile transmissions are considered as part of the confidential disease case report, and as such, are not subject to disclosure.

¹ Report suspected cases immediately by telephone. In addition, all cases of rare or exotic communicable diseases and all outbreaks shall be reported.

² Report on STD-43 form. Report cases of syphilis with active lesions by telephone.

³ Report on EPI-2430 card. Name and street address are optional but city and ZIP code must be recorded.

⁴ Report on CDC 72.5 (f. 5.2431) card.



Other Reportable Conditions

Cancer
Complications of abortion
Congenital hypothyroidism*
Galactosemia*
Hemophilia*
Lead Poisoning
Phenylketonuria*
Reye's Syndrome
Severe traumatic head injury**
Severe under nutrition (severe anemia, failure to thrive)
Sickle cell disease (newborns)*
Spinal cord injury**
Sudden infant death syndrome (SIDS)

* Report to the Louisiana Genetic Diseases Program Office by telephone 504-568-5070 or FAX 504-568-7722.

** Report on DDP-3 form; preliminary phone report from ER encouraged 504-568-2509.